

RECEIVING APPARATUS, TRANSMITTING APPARATUS, AND
COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

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10 A receiving apparatus and transmitting apparatus
capable of reliably transmitting and receiving a high
speed optical signal and a communication system using the
same, wherein provision is made of a transmitting
apparatus comprising a conversion circuit for converting
15 serially input data to a plurality of bits of parallel
data given predetermined information and an LED array
comprised of LED units of at least a number corresponding
to the number of bits of the parallel data from the
conversion circuit arranged in an array, wherein the LED
units are controlled in light emission in parallel based
on bit information of corresponding parallel data to emit
information light dispersed in a spatially predetermined
range, and of a receiving apparatus having a photo-diode
20 array comprised of a plurality of photo-diodes for
emitting electric signals of levels in accordance with
amounts of light received arranged in an array, wherein
the photo-diodes output electric signals in parallel, for
selecting information in accordance with the information
25 light based on the plurality of electric signals output

in parallel from the photo-diode array, converted selected parallel data to serial data, and output the same.

Age	Sex	Height (cm)	Weight (kg)	Body Mass Index (kg/m ²)	Waist Circumference (cm)	Hip Circumference (cm)	Waist-Hip Ratio	Trunk Fat (%)	Visceral Fat (cm)	Subcutaneous Fat (cm)	Visceral Fat Index (cm ²)	Subcutaneous Fat Index (cm ²)	Visceral Fat to Subcutaneous Fat Ratio
40	M	175	75	24.5	95	105	0.90	15	10	15	1.5	1.5	1.0
45	M	170	70	24.1	90	100	0.90	15	10	15	1.5	1.5	1.0
50	M	165	65	23.6	85	95	0.89	15	10	15	1.5	1.5	1.0
55	M	160	60	23.1	80	90	0.89	15	10	15	1.5	1.5	1.0
60	M	155	55	22.6	75	85	0.88	15	10	15	1.5	1.5	1.0
65	M	150	50	22.2	70	80	0.88	15	10	15	1.5	1.5	1.0
70	M	145	45	21.7	65	75	0.87	15	10	15	1.5	1.5	1.0
75	M	140	40	21.3	60	70	0.86	15	10	15	1.5	1.5	1.0
80	M	135	35	20.8	55	65	0.85	15	10	15	1.5	1.5	1.0
85	M	130	30	20.4	50	60	0.84	15	10	15	1.5	1.5	1.0
90	M	125	25	19.9	45	55	0.83	15	10	15	1.5	1.5	1.0
95	M	120	20	19.4	40	50	0.82	15	10	15	1.5	1.5	1.0
100	M	115	15	18.9	35	45	0.81	15	10	15	1.5	1.5	1.0
105	M	110	10	18.4	30	40	0.80	15	10	15	1.5	1.5	1.0
110	M	105	5	17.9	25	35	0.79	15	10	15	1.5	1.5	1.0
115	M	100	0	17.4	20	30	0.78	15	10	15	1.5	1.5	1.0
120	M	95	-5	16.9	15	25	0.77	15	10	15	1.5	1.5	1.0
125	M	90	-10	16.4	10	20	0.76	15	10	15	1.5	1.5	1.0
130	M	85	-15	15.9	5	15	0.75	15	10	15	1.5	1.5	1.0
135	M	80	-20	15.4	0	10	0.74	15	10	15	1.5	1.5	1.0
140	M	75	-25	14.9	-5	5	0.73	15	10	15	1.5	1.5	1.0
145	M	70	-30	14.4	-10	0	0.72	15	10	15	1.5	1.5	1.0
150	M	65	-35	13.9	-15	-5	0.71	15	10	15	1.5	1.5	1.0
155	M	60	-40	13.4	-20	-10	0.70	15	10	15	1.5	1.5	1.0
160	M	55	-45	12.9	-25	-15	0.69	15	10	15	1.5	1.5	1.0
165	M	50	-50	12.4	-30	-20	0.68	15	10	15	1.5	1.5	1.0
170	M	45	-55	11.9	-35	-25	0.67	15	10	15	1.5	1.5	1.0
175	M	40	-60	11.4	-40	-30	0.66	15	10	15	1.5	1.5	1.0
180	M	35	-65	10.9	-45	-35	0.65	15	10	15	1.5	1.5	1.0
185	M	30	-70	10.4	-50	-40	0.64	15	10	15	1.5	1.5	1.0
190	M	25	-75	9.9	-55	-45	0.63	15	10	15	1.5	1.5	1.0
195	M	20											